Customer Number: 20277

Case Docket Number: 57454-985

UTILITY PATENT APPLICATION UNDER 37 CFR 1.53(b)

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR: Tetsuya HAYASHI, Kousuke OBAYASHI, Shinji OISHI

FOR: THRUST ROLLER BEARING AND CAGE

Enclosed are:

	The way of					
\boxtimes	45 pages of specification, claims, abstract.					
	Declaration and Power of Attorney.					
\boxtimes	Priority Claimed.					
\boxtimes	Certified copies of Japanese Patent Application Nos. 2002-323926, 2002-323867					
	and 2002-324293					
\boxtimes	13 sheets of formal drawing.					
\boxtimes	An assignment of the invention to NTN Corporation					
	and the assignment recordation fee.					
\boxtimes	Information Disclosure Statement, Form PTO-1449 and references.					
\boxtimes	Return Receipt Postcard					

The filing fee has been calculated as shown below:

	NO. OF		EXTRA		
	CLAIMS		CLAIMS	RATE	AMOUNT
Total Claims	20	-20	0	\$18.00	\$0.00
Independent Claims	7	-3	4	\$86.00	\$344.00
	\$0.00				
	Basic Fee	\$770.00			
	Above Calculations	\$1,114.00			
	\$0.00				
	\$40.00				
	\$1,154.00				

Please charge my Deposit Account No. 500417 in the amount of \$1,154.00. A duplicate copy of this sheet is enclosed.

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Respectfully submitted,

MCDERMOTT, WILL & EMERY

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Date: November 5, 2003